

ICS Primer

Michigan Water Utility
Security Summit
June 4, 2013



Bad Things Happen



But....

- Utilities are resilient
- People want to help
- So, we all need to know:
 - what is expected in a big incident
 - how to work with others
 - what is being said



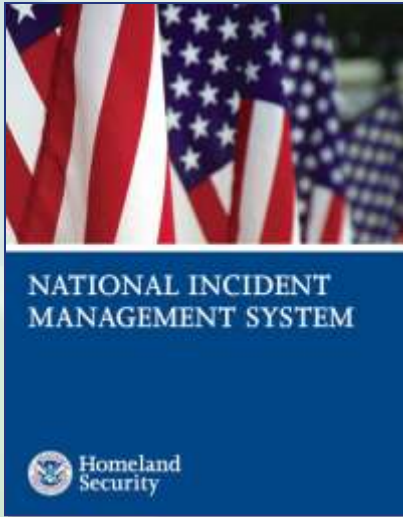
What Is NIMS?

The National Incident Management System:

- A comprehensive, national approach to incident management that is applicable at all jurisdictional levels and across functional disciplines.
- NIMS enables government at all levels, the private sector, and nongovernmental organizations to work together to prepare, prevent, respond, and recover.



NIMS Components



1. Preparedness

2. Communications and Information Management

3. Resource Management

4. Command and Management

5. Ongoing Management and Maintenance

Incident Command System

Multiagency Coordination Systems

Public Information



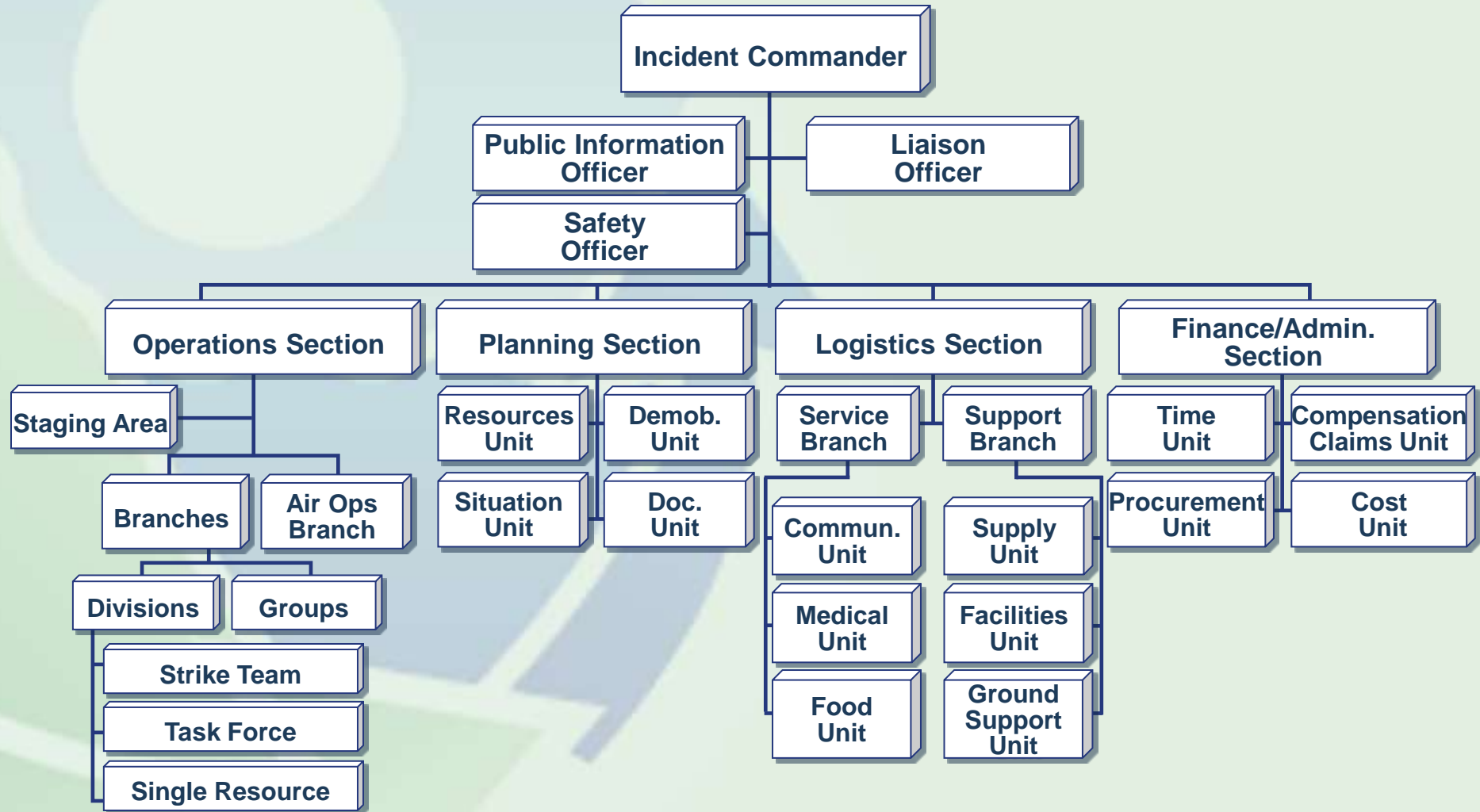
What Is ICS?

The Incident Command System:

- Is a standardized, on-scene, all-hazard incident management concept.
- It's flexible, scalable, and helps to track resources.



ICS Org Chart



ICS Purposes

Using management best practices, ICS helps to ensure:

- The safety of responders and others.
- The achievement of tactical objectives.
- The efficient use of resources.



How can ICS benefit me, a utility?

1. It is a proven system for managing incidents of any kind or size.
2. It is used for emergency response by all local, state, and federal agencies.
3. Allows personnel from a variety of agencies to come together in a common management structure.
4. It is flexible enough to manage incidents that only involve utility personnel to incidents that require response by several agencies or jurisdictions.
5. Is cost effective by avoiding duplication of efforts.
6. Using ICS is required for NIMS compliance.



AWWA Hurricane Sandy AAR

- “Water utilities should continue to work with their critical response partners and customers to ensure that water sector response activities are coordinated...”
- “The water sector should continue to work with local, state and federal response partners to ensure water utility crews are properly recognized and allowed access to their facilities.”
- “The interoperability of communication systems needs to see continued consideration...”



Who Needs What Training?

At my utility I am a:	Staff Member	First Line Supervisor	Emergency Planner	Middle Manager	Senior Manager
I should complete training* for:					
Introduction to NIMS (IS-700a)	•	•	•	•	•
Introduction to the NRF (IS-800b)			•		•
Introduction to ICS (IS-100b)	•	•	•	•	•
Initial Action Incidents ICS (IS-200b)	•	•	•	•	•
Intermediate ICS (ICS-300)			•	•	•
Advanced ICS (ICS-400)			•		•

source: <http://water.epa.gov/infrastructure/watersecurity/emmerplan/index.cfm#pp9>



Where Can I Get Training?

- FEMA's Independent Study Program

<http://training.fema.gov/IS/NIMS.aspx>

- U.S. EPA (water sector specific)

<http://water.epa.gov/infrastructure/watersecurity/emergplan/index.cfm#pp5>

- Michigan Emergency Management & Homeland Security Division

http://www.michigan.gov/msp/0,4643,7-123-1593_3507_5914---,00.html

- City/County Emergency Management Agency



Don't be this!

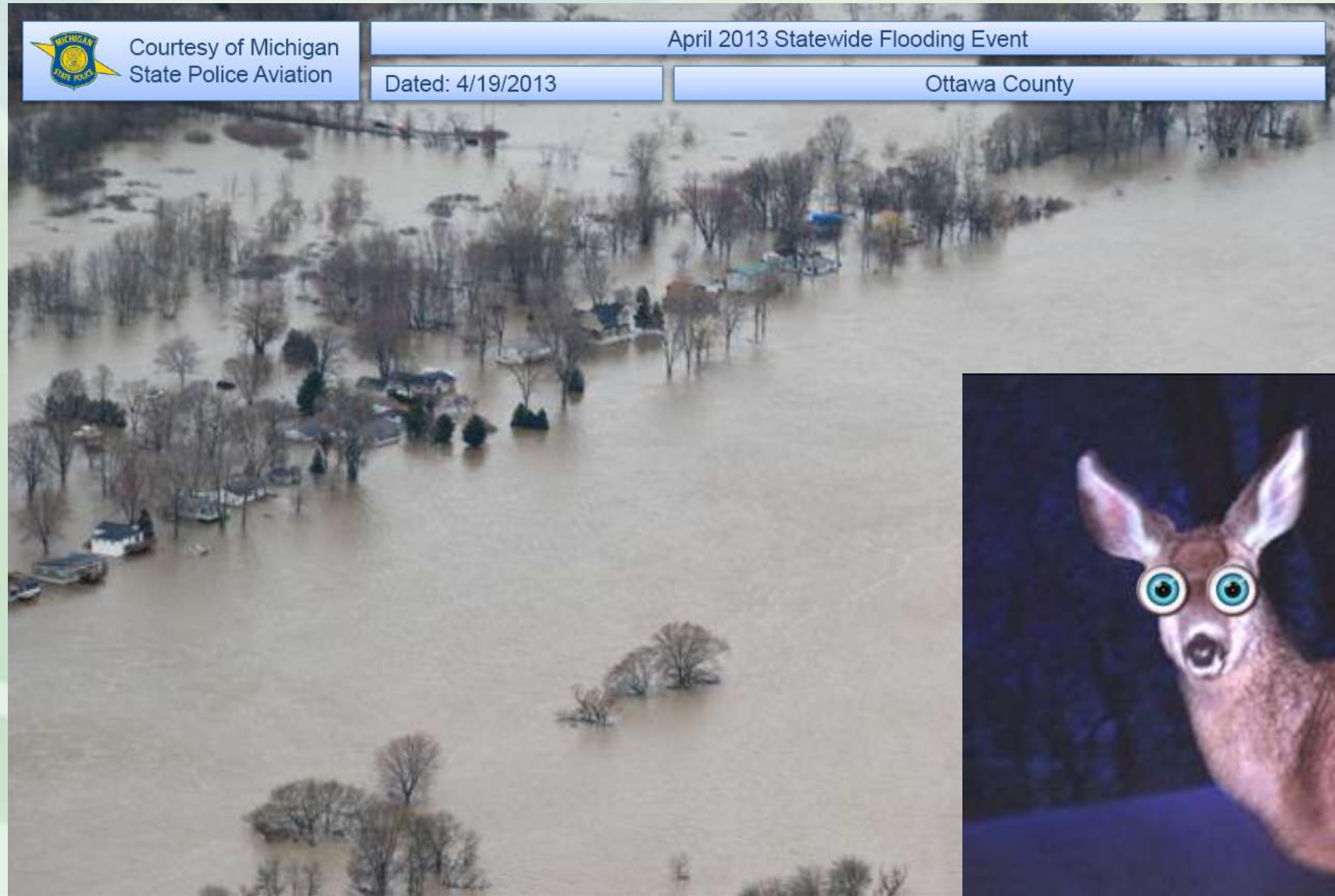


Courtesy of Michigan
State Police Aviation

April 2013 Statewide Flooding Event

Dated: 4/19/2013

Ottawa County



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